



**US Army Corps
of Engineers®**

Nashville District

Public Notice

Public Notice No. 01-84

Date: November 15, 2001

Application No. 2000-01523

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch (Attn: Lisa R. Morris)
3701 Bell Road, Nashville, TN 37214

SUBJECT: Proposed Municipal Water Intake

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army (DA) Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899**. A long-term lease on Government Tract A-110 of the Cheatham Lake project will be required.

APPLICANT: Dickson County Water Authority
P.O. Box 357
Burns, Tennessee 37029

LOCATION: Cumberland River Mile 149.2, left bank, in Dickson County, Tennessee. (Cheatham Dam Quad; lat 36-18-00, lon 87-12-30). See Exhibit A for a location map.

DESCRIPTION: The proposed work consists of the construction of a new raw water intake and wet well for the county of Dickson. According to the applicant, the pumping capacity of the existing county intake cannot be easily increased to meet their future demands for water. The new intake would initially withdraw a maximum of 5 million gallons of water per day (MGD) with a projected maximum of 17.25 MGD.

A 36-inch diameter pipe would connect the wet well (bottom Elevation 361.0) to the intake screen (bottom Elevation 363.0) located about 70-feet out into the river (measured from normal pool, Elevation 385.0). The intake pipe/screen would have a top elevation of 367.0, which is five feet below the maintained channel bottom elevation of Cheatham Lake. Minimum low pool elevation of the lake is 382.0. The screen would be supported with a 10' tall and 4' diameter caisson.

Excess excavated material would be hauled away to a suitable upland disposal site. Approximately 180 linear feet of riprap would be placed along the shoreline between Elevations 383.0 and 393.0 for stabilization. This bank stabilization activity has been previously approved under authority of Nationwide Permit #13. Plans the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources.

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The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. An EA will be prepared by this office prior to a final decision concerning issuance or denial of the requested DA Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer and the U.S. Department of the Interior, National Park Service.

Based on available information, the proposed work will not destroy or endanger any federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and, therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals may be required for the proposed work.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a hearing. Written statements received in this office on or before December 17, 2001, will become a part of the record and will be considered in the determination. Any response to this notice should be

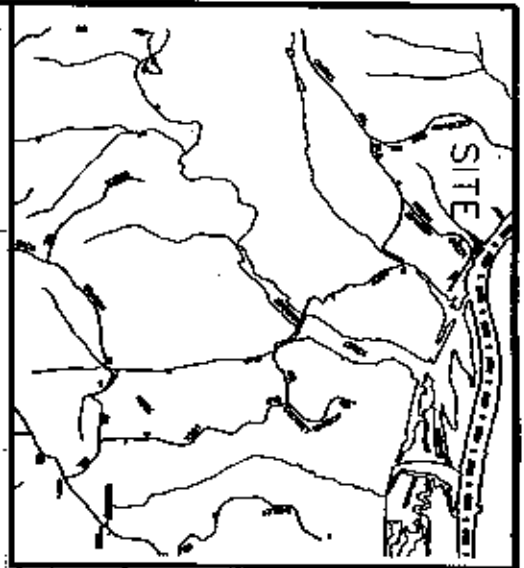
directed to the Regulatory Branch, Attn: Lisa R. Morris, at the above address, telephone (615) 369-7504.



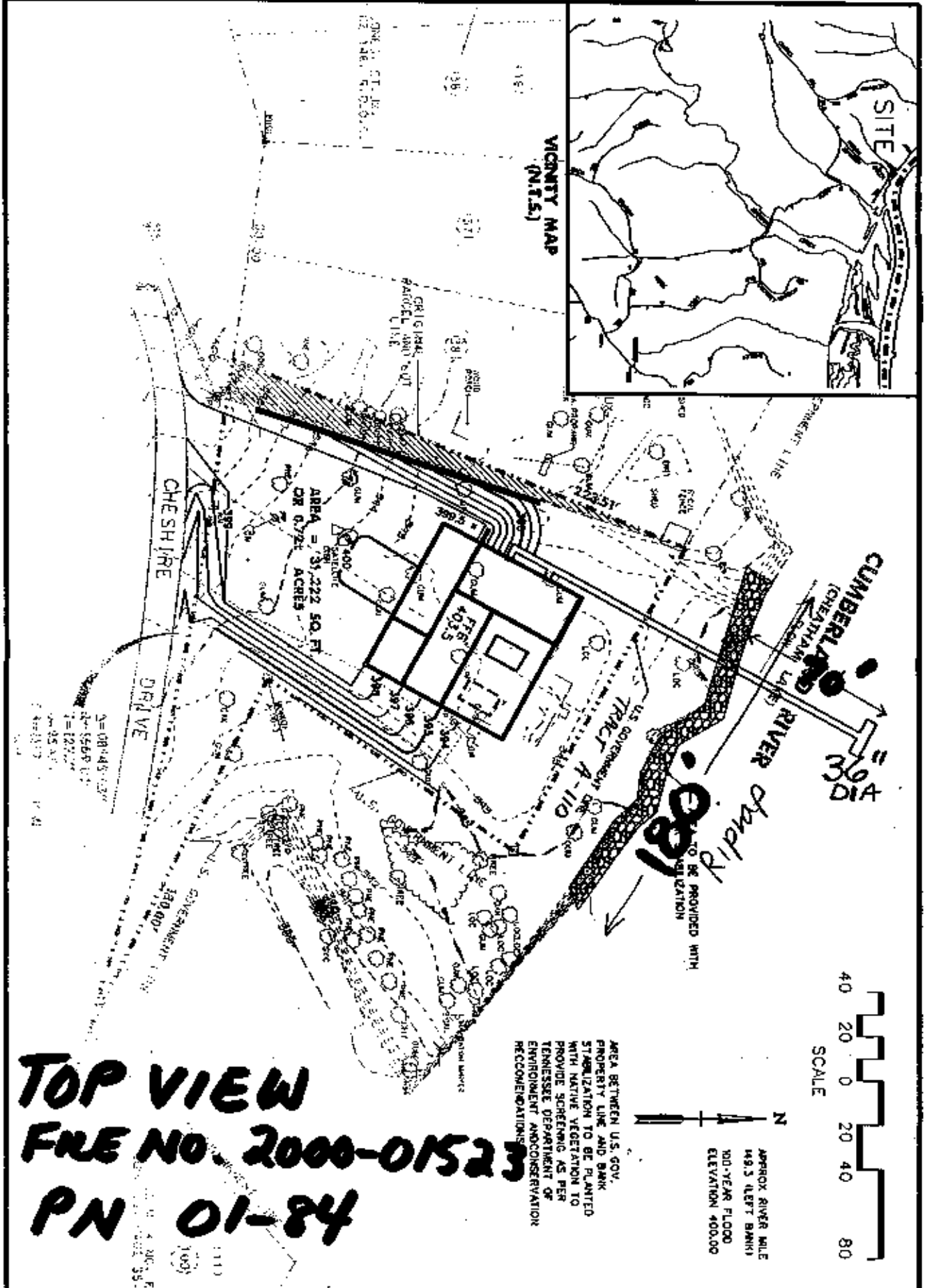
FILE No. 2000-01923
PN 01-84

**PROPOSED RAW WATER INTAKE
DICKSON CO. WATER AUTHORITY
MILE 149.3, LEFT BANK, CUMBERLAND RIVER
CHEATHAM LAKE, TRACT A-110**

**CHEATHAM DAM QUADRANGLE
TENNESSEE
7.5 MINUTE SERIES (TOPOGRAPHIC)**



VICINITY MAP
(N.T.S.)



TOP VIEW
FNE NO. 2000-01523
PN 01-84

DATE	DESCRIPTION
01/01/84	PRELIMINARY SITE PLAN
01/01/84	
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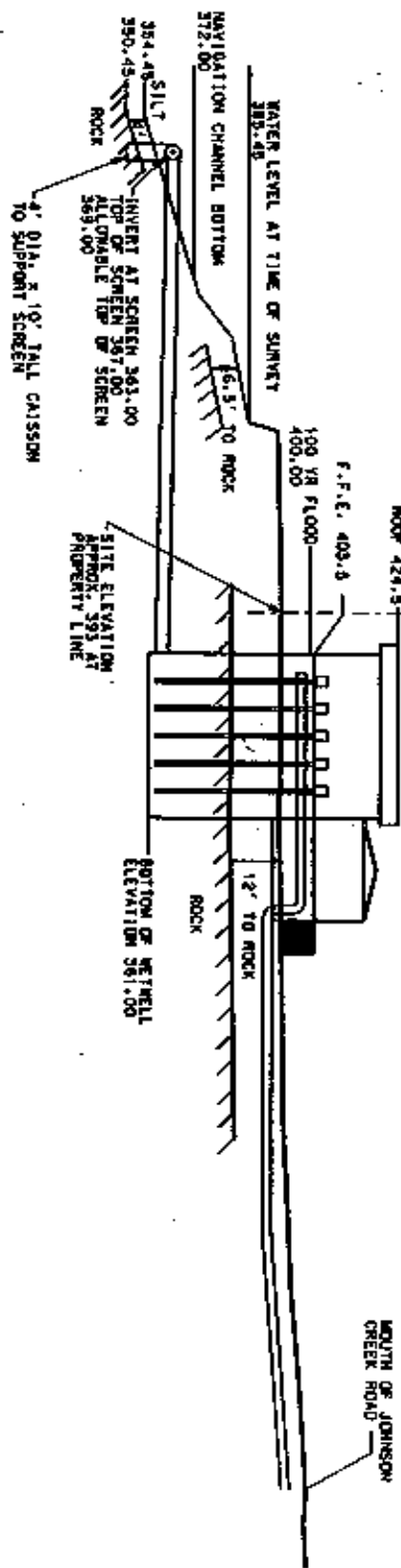
PRELIMINARY SITE PLAN

DICKSON COUNTY WATER AUTHORITY
RAW WATER INTAKE
DICKSON COUNTY, TENNESSEE

PRELIMINARY
NOT FOR
CONSTRUCTION

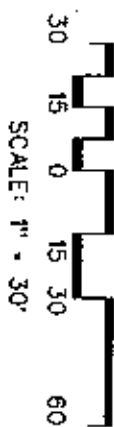
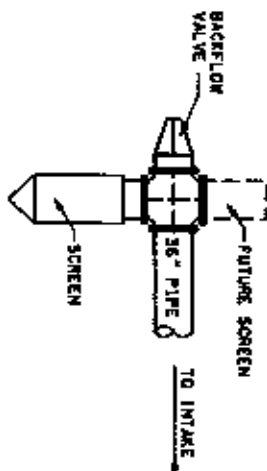
BWSC
BARRY WARDEN
BRUNER & CANINE, INC.
ENGINEERING ARCHITECTS PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS
P.O. Box 100, Nashville, Tennessee 37203
615-259-0000

CHEATHAM LAKE



**SIDE VIEW
PN 01-84**

SCREEN-TOP VIEW



USCCE PROJECT ELEVATION 372.00
PROPOSED GRADES NOT SHOWN ON PROFILE

REV	DATE	DESCRIPTION
1	1/1/00	PRELIMINARY PROFILE
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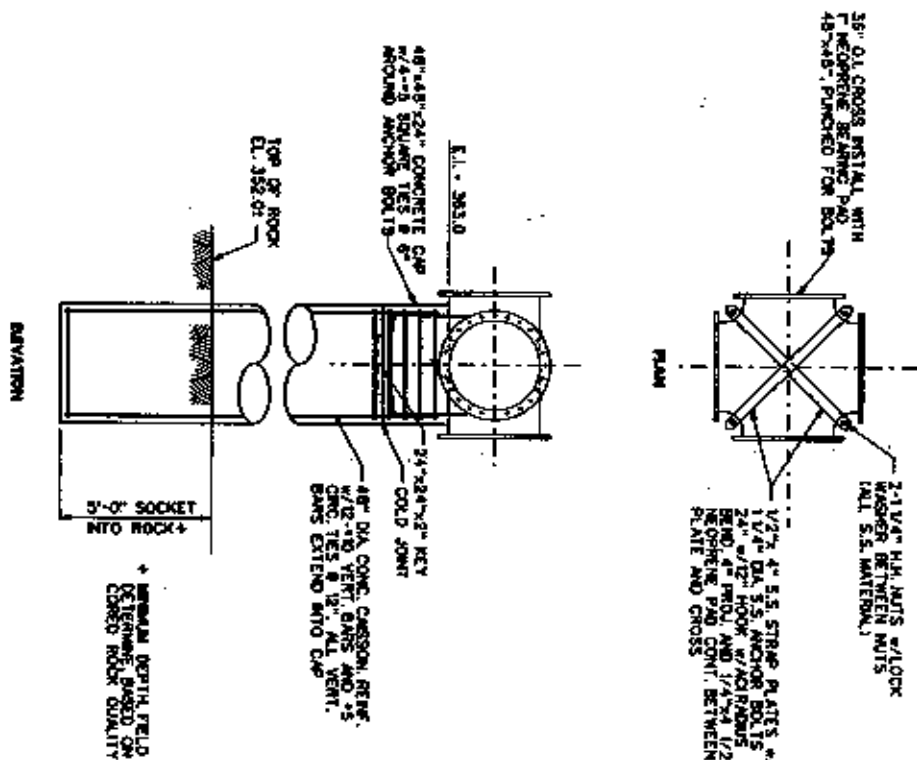
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SITE PROFILE
DICKSON COUNTY WATER AUTHORITY
RAW WATER INTAKE
DICKSON COUNTY, TENNESSEE

PRELIMINARY
NOT FOR
CONSTRUCTION

BWSC
BARGE WASSON & CAMPBELL, INC.
DICKSON COUNTY PLANNERS
LANDSCAPE ARCHITECTS AND SURVEYORS
1000 PINEAPPLE BLVD
DICKSON, TN 37030

SCREEN INTAKE SUPPORT IN RIVER
N.T.S.



SCREEN PLANS
PN 01-84

C1.03 (11.00.00.00)	DE DATE 9/25/01	DESCRIPTION SCREEN INTAKE SUPPORT DICKSON COUNTY WATER AUTHORITY RAW WATER INTAKE DICKSON COUNTY, TENNESSEE	PRELIMINARY NOT FOR CONSTRUCTION	BWSC CHANDLER ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS AND SURVEYORS 1000 N. 10th St. Ste. 100 Waco, TX 76787	RANDY WADGOMER OWNER & DICKSON, INC.
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